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Application Number	10611491
Filing Date	2003-06-30
First Named Inventor	Erc J. Horvitz
Art Unit	2643
Examiner Name	
Attorney Docket Number	MS303531.02/MSFTP453USA

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/E.S./	1	6094681		2000-07-25	Shaffer, et al.	
/E.S./	2	6167448		2000-12-26	Hemphill, et al.	
/E.S./	3	6360101		2002-03-19	Irvin	
/E.S./	4	6400810		2002-06-04	Skladman, et al.	
/E.S./	5	6438618		2002-08-20	Lortz, et al.	
/E.S./	6	6584502		2003-06-24	Natarajan, et al.	
/E.S./	7	6591279		2003-07-08	Emens, et al.	
/E.S./	8	6650902		2003-11-18	Richton	

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/E.S./	9	6829639		2004-12-07	Lawson, et al.	
/E.S./	10	6965917		2005-11-15	Aloni, et al.	
/E.S./	11	7016944		2006-03-21	Meyer, et al.	
/E.S./	12	7069309		2006-06-27	Dodrill, et al.	
/E.S./	13	5555346		1996-09-10	Gross, et al.	
/E.S./	14	6337699		2002-01-08	Nielson	
/E.S./	15	6057842		2000-05-02	Knowlton, et al.	

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/E.S./	1	6459913		2002-10-01	Cloutier	
/E.S./	2	5644363		1997-07-01	Mead	
/E.S./	3	6144363		2000-11-07	Alloul, et al.	
/E.S./	4	5784124		1998-07-21	D'Alitalia, et al.	
/E.S./	5	5852440		1998-12-22	Grossman, et al.	
/E.S./	6	6480207		2002-11-12	Bates, et al.	
/E.S./	7	6456307		2002-09-24	Bates, et al.	
/E.S./	8	6425127		2002-07-23	Bates, et al.	

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/E.S./	9	5736974		1998-04-07	Selker	
/E.S./	10	5717877		1998-02-10	Orton, et al.	
/E.S./	11	6342908		2002-01-29	Bates, et al.	
/E.S./	12	5859640		1999-01-12	Dario de Judicibus	
/E.S./	13	5864848		1999-01-26	Horvitz	
/E.S./	14	6021403		2000-02-01	Horvitz	
/E.S./	15	6067565		2000-05-23	Horvitz	
/E.S./	16	6327581		2001-12-04	Platt	
/E.S./	17	6622160		2003-09-16	Horvitz	
/E.S./	18	6714967		2004-03-30	Horvitz	
/E.S./	19	6618716		2003-09-09	Horvitz	

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/E.S./	20	5742905		1998-04-21	Pepe, et al.	
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/E.S./	1	20040225718		2004-11-11	Heinzel, et al.	
/E.S./	2	20040061716		2004-04-01	Cheung, et al.	
/E.S./	3	20050248437		2005-11-10	Hellebust, et al.	
/E.S./	4	20030028603		2003-02-06	Aktas, et al.	

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/E.S./	1	9858321	WO		1998-12-23	Purdue Pharma LP		<input type="checkbox"/>
/E.S./	2	0867823	EP		1998-09-30	Canon Kabushiki Kaisha		<input type="checkbox"/>

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/E.S./	3	0420779	EP		1991-04-03	IBM		<input type="checkbox"/>
/E.S./	4	095633	EP		1999-03-31	Sharp Kabushiki Kaisha		<input type="checkbox"/>
/E.S./	5	9906915	WO		1999-02-11	JFAX Communications, Inc.		<input type="checkbox"/>
/E.S./	6	9635994	WO		1996-11-14	Compuserve, Inc.		<input type="checkbox"/>
/E.S./	7	9837680	WO		1998-08-27	Intervoice LP		<input type="checkbox"/>
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/E.S./	1	International Search Report dated June 28, 2006 for International Patent Application Serial No. PCT/US04/19915, 4 pages.	<input type="checkbox"/>
/E.S./	2	M. SAHAMI, et al. A Bayesian approach to filtering junk email, in Workshop on learning for text categorizations, 1998, 8 pages, AAI Technical Report WS-98-05, AAAI.	<input type="checkbox"/>
/E.S./	3	D. KOLLER, et al. Toward optimal feature selection, In proceedings of 13th conference on machine learning, 1998, pages 284-292, Morgan Kaufmann, San Francisco.	<input type="checkbox"/>

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/E.S./	4	E. HORVITZ, et al. The Lumiere project: Bayesian user modeling for inferring the goals and needs of software users, in proceedings of the 14th conf on uncertainty in AI, 1998, pages 256-265, Morgan Kaufmann, San Francisco.	<input type="checkbox"/>
/E.S./	5	J. PLATT, Probabilistic outputs for support vector machines and comparisons to regularized likelihood methods, In Advances in Large Margin Classifiers, 1999, 11 pages, MIT Press, Cambridge, MA.	<input type="checkbox"/>
/E.S./	6	H. LEIBERMAN, Letizia: An Agent that assists web browsing, in proceedings of IJCAI-95, 1995, 6 pages, Montreal Canada, Morgan Kaufmann, San Francisco.	<input type="checkbox"/>
/E.S./	7	HORVITZ, et al. Display of Information for time-critical decision making, in Proceedings of the 11th Conf on uncertainty in AI, 1995, pages 296-305, Monetrea, Canada.	<input type="checkbox"/>
/E.S./	8	M. CZERWINSKI, et al. Visualizing implicit queries for information management and retrieval, in proceedings of CHI'99, ACM SIGCHI Conf on informational and knowledge management, 1999, pages 560-567, ACM.	<input type="checkbox"/>
/E.S./	9	S. DUMAIS, et al. Inductive learning algorithms and representations for text categorization, in proceedings of 7th Intl Conf on Information and Knowledge Management, 1998, pages 148-155, ACM.	<input type="checkbox"/>
/E.S./	10	PLATT, Fast training of support vector machines using sequential minimal optimization, in advances in kernel methods, support vector learning, 1999, pages 41-65 MIT Press, Cambridge, MA.	<input type="checkbox"/>
/E.S./	11	HORVITZ, Principles of mixed-initiative user interfaces, in proceedings of CHI'99, ACM SIGCHI Conf on Human Factors in Computing Systems, 1999, pages 159-166, Pittsburgh, PA, ACM.	<input type="checkbox"/>
/E.S./	12	BREESE, et al. Empirical analysis of predictive algorithms for collaborative filtering, in proceedings of the 14th conf on uncertainty in AI, 1998, pages 43-52, AUAI, Morgan Kaufmann, San Francisco.	<input type="checkbox"/>
/E.S./	13	HORVITZ, Time dependent utility and action under uncertainty, in proceedings of 7th conf on uncertainty in AI, LA, CA, 1991, pages 151-158, Morgan Kaufmann, San Francisco.	<input type="checkbox"/>
/E.S./	14	HORVITZ, Time-critical action: representations and application, in proceedings of the 13th conf on uncertainty in AI (UAI-97), 1997, pages 250-257, Providence, RI, Morgan Kaufmann, San Francisco.	<input type="checkbox"/>

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/E.S./	15	SOFUS A. MACSKASSY, et al., EmailValet: Learning Email Preferences for Wireless Platforms, Rutgers University, User Modeling 1999 Workshop - Machine Learning for User Modeling, June 3, 1999, 4 Pages.	<input type="checkbox"/>
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Sheet	1	of	2

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/E.S./		US- 6,101,531	08-08-2000	Egginton, et al.	
/E.S./		US- 6,301,609	10-09-2001	Aravamudan, et al.	
/E.S./		US- 2004/030753 A1	02-12-2004	Eric J. Horvitz	
/E.S./		US- 6,513,026 B1	01-28-2003	Eric J. Horvitz, et al.	
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/E.S./		WO 01/69387 A2	09-20-2001	Microsoft Corporation	
/E.S./		WO 02/065250 A2	08-22-2002	Inventix Corporation	
/E.S./		WO 2004/025912 A2	03-25-2004	IBM United Kingdom Ltd.	

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				Examiner Name	
				Attorney Docket Number	MS303531.02/MSFTP453USA
Sheet	2	of	2		

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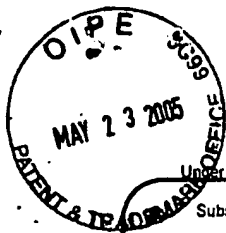
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/E.S./		US- 6,513,046	01-28-2003	Abbott, III et al.	
/E.S./		US- 6,747,675	06-08-2004	Abbott et al.	
/E.S./		US- 6,801,223	10-05-2004	Abbott et al.	
/E.S./		US- 6,842,877	01-11-2005	Robarts et al.	
/E.S./		US- 6,466,232	10-15-2002	Newell et al.	
/E.S./		US- 6,549,915	04-15-2003	Abbott, III et al.	
/E.S./		US- 6,791,580	09-14-2004	Abbott et al.	
/E.S./		US- 6,812,937	11-02-2004	Abbott et al.	
/E.S./		US- 2001/0040591	11-15-2001	Abbott et al.	
/E.S./		US- 2001/0043232	11-22-2001	Abbott et al.	
/E.S./		US- 2002/0044152	04-18-2002	Abbott, III et al.	
/E.S./		US- 2002/0052963	05-02-2002	Abbott et al.	
/E.S./		US- 2002/0054174	05-09-2002	Abbott et al.	
/E.S./		US- 2002/0080155	06-27-2002	Abbott et al.	
/E.S./		US- 2002/0083025	06-27-2002	Robarts et al.	
/E.S./		US- 2002/0087525	07-04-2002	Abbott et al.	
/E.S./		US- 2003/0046401	03-06-2003	Abbott et al.	
/E.S./		US- 2005/0034078	02-10-2005	Abbott et al.	

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/E.S./		US- 2001/0043231	11-22-2001	Abbott et al.	
/E.S./		US- 2002/0032689	03-14-2002	Abbott, III et al.	
/E.S./		US- 2002/0052930	05-02-2002	Abbott et al.	
/E.S./		US- 2002/0054130	05-09-2002	Abbott, III et al.	
/E.S./		US- 2002/0078204	06-20-2002	Newell et al.	
/E.S./		US- 2002/0080156	06-27-2002	Abbott et al.	
/E.S./		US- 2002/0083158	06-27-2002	Abbott et al.	
/E.S./		US- 2002/0099817	07-25-2002	Abbott et al.	
/E.S./		US- 2003/0154476	08-14-2003	Abbott, III et al.	
/E.S./		US- 5,603,054	02-11-1997	Theimer et al.	
/E.S./		US- 5,555,376	09-10-1996	Theimer et al.	
/E.S./		US- 5,611,050	03-11-1997	Theimer et al.	
/E.S./		US- 5,544,321	08-06-1996	Theimer et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

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				Application Number	10/611,491
				Filing Date	06/30/2003
				First Named Inventor	Eric J. Horvitz
				Art Unit	2643
				Examiner Name	Unknown
Sheet	3	of	5	Attorney Docket Number	MS303531.02/MSFTP453USA

NON PATENT LITERATURE DOCUMENTS			
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/E.S./		ANDY HARTER, et al., A Distributed Location System for the Active Office, IEEE Network, 1994, pp. 62-70.	
/E.S./		GUANLING CHEN, et al., A Survey of Context-Aware Mobile Computing Research, Dartmouth Computer Science Technical Report, 2000, 16 pages.	
/E.S./		WILLIAM NOAH SCHILT, A System Architecture for Context-Aware Mobile Computing, Columbia University, 1995, 153 pages.	
/E.S./		MIKE SPREITZER, et al., Providing Location Information in a Ubiquitous Computing Environment, SIGOPS '93, 1993, pp.270-283.	
/E.S./		MARVIN THEIMER, et al., Operating System Issues for PDAs, In Fourth Workshop on Workstation Operating Systems, 1993, 7 pages.	
/E.S./		ROY WANT, Active Badges and Personal Interactive Computing Objects, IEEE Transactions on Consumer Electronics, 1992, 11 pages, Vol. 38 - No. 1.	
/E.S./		BILL N. SCHILIT, et al., The ParcTab Mobile Computing System, IEEE WWOS-IV, 1993, 4 pages.	
/E.S./		BILL SCHILIT, et al., Context-Aware Computing Applications, In Proceedings of the Workshop on Mobile Computing Systems and Applications, December 1994. pp. 85-90.	
/E.S./		BILL N. SCHILIT, et al., Customizing Mobile Applications, Proceedings USENIX Symposium on Mobile and Location Independent Computing, August 1993, 9 pages.	
/E.S./		MIKE SPREITZER, et al., Architectural Considerations for Scalable, Secure, Mobile Computing with Location Information, In The 14th International Conference on Distributed Computing Systems, June 1994. pages 29-38.	

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/E.S./		ROY WANT, et al., The Active Badge Location System, ACM Transactions on Information Systems, January 1992, pp. 91-102, Vol. 10 - No. 1.	
/E.S./		MARK WEISER, Some Computer Science Issues in Ubiquitous Computing, Communications of the ACM, July 1993, pp. 75-84, Vol. 36 - No. 7.	
/E.S./		M. BILLINGHURST, et al., An Evaluation of Wearable Information Spaces, Proceedings of the Virtual Reality Annual International Symposium, 1998, 8 pages.	
/E.S./		BRADLEY J. RHODES, Remembrance Agent: A continuously running automated information retrieval system, The Proceedings of The First International Conference on The Practical Application Of Intelligent Agents and Multi Agent Technology, 1996, pp. 487-495.	
/E.S./		ERIC HORVITZ, et al., In Pursuit of Effective Handsfree Decision Support: Coupling Bayesian Inference, Speech Understanding, and User Models, 1995, 8 pages.	
/E.S./		BRADLEY J. RHODES, The Wearable Remembrance Agent: A System for Augmented Theory, The Proceedings of The First International Symposium on Wearable Computers, October 1997, pp. 123-128.	
/E.S./		ERIC HORVITZ, et al., Attention-Sensitive Alerting in Computing Systems, Microsoft Research, August 1999.	
/E.S./		BILL N. SCHILIT, et al., Disseminating Active Map Information to Mobile Hosts, IEEE Network, 1994, pages 22-32, Vol. 8 - No. 5.	
/E.S./		MARK BILLINGHURST, et al., Wearable Devices: New Ways to Manage Information, IEEE Computer Society, January 1999, pp. 57-64.	

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/E.S./		BRADLEY J. RHODES, The Wearable Remembrance Agent: A System for Augmented Memory, Personal Technologies Journal Special Issue on Wearable Computing, 1997, 12 pages.	
/E.S./		Workshop on Wearable Computing Systems, August 19-21, 1996.	
/E.S./		MARK BILLINGHURST, Research Directions in Wearable Computing, University of Washington, May, 1998, 48 pages.	
/E.S./		Mark Weiser, The Computer for the 21st Century, Scientific American, September 1991, pp. 94-104, Vol. 265 - No. 3.	

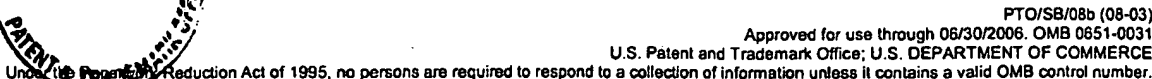
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Filing Date	June 30, 2003
First Named Inventor	Eric J. Horvitz
Art Unit	2643
Examiner Name	Unknown
Attorney Docket Number	MS303531.02/MSFTP453USA

Sheet	1	of	2
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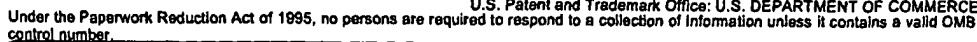
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Sheet	2	of	5
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Complete if Known

Application Number	10/611,491
Filing Date	June 30, 2003
First Named Inventor	Eric J. Horvitz
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	MS303531.2 / MSFTP453USA

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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		Country Code ³ - Number ⁴ - Kind Code ⁶ (if known)					
/E.S./		WO99/67731	12-29-99	Horvitz, et al.			
/E.S./		WO99/41720	8-19-99	Gisby, et al.			
/E.S./		WO97/38382	10-16-97	Block, et al.			
/E.S./		EP0413537A2	02-20-91	Scannell, et al.			
/E.S./		JP10079756A	8-27-98	Intervoice, LP	Abstract		
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	Application Number	10/611,491
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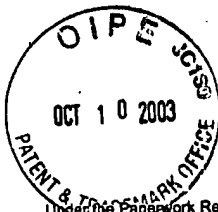
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/E.S./		FRANCIS CHU and JOSEPH HALPERN, "A Decision-Theoretic Approach to Reliable Message Delivery", 15 pages	
/E.S./		PETER HADDAWY, "An Overview of Some Recent Developments in Bayesian Problem-Solving Techniques Introduction to This Special Issue", 1999, 9 pages	
/E.S./		FINN V. JENSEN, "Bayesian networks basics", Winter 1995/ Spring 1996, 14 pages	
/E.S./		YU LO CYRUS CHANG, LESLIE C. LANDER, HORNG-SHING LU and MARTIN T. WELLS, "Bayesian Analysis for Fault Location in Homogeneous Distributed Systems", 1993, 10 pages	
/E.S./		SANGUK NOH and PIOTR J. GMYTRASIEWICZ, "Rational Communicative Behavior in Anti-Air Defense", 1998, 8 pages	
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/E.S./		NITIN SAWHNEY and CHRIS SCHMANDT, "Speaking and Listening on the Run: Design for Wearable Audio Computing, 1998, 8 pages	
/E.S./		DOREE DUNCAN SEHGMANN, CATI LAPORTE, and STEPHAN VLADIMIR BUGAJ, "The message is the medium", 1997, 12 pages	
/E.S./		JUHA TAKKINEN and NAHID SHAHMEHRI, "CAFE: A Conceptual Model for Managing Information in Electronic Mail", 1998, 10 pages	
/E.S./		JACOB PALME, JUSSI KARLGREN, and DANIEL PARGAN, "Issues whe designing filters in messaging systems", 1996, 7 pages	

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/E.S./		CHAOMEI CHEN, "Visualising semantic spaces and author co-citation networks in digital libraries", 1999, 20 pages	
/E.S./		International Search Report dated August 20, 2002, for International Application Serial No. PCT/US01/08711	
/E.S./		International Search Report dated September 2, 2002, for International Application Serial No. PCT/US01/08710	
/E.S./		ROBERT M. LOSEE JR., "Minimizing information overload: the ranking of electronic messages", 1989, 11 pages	
/E.S./		PAUL E. BACLACE, "Competitive Agents for Information Filtering", December 1999, 1 page	
/E.S./		MAKOTO IWAYAMA and TAKENOBU TOKUNAGA, "Hierarchical Bayesian Clustering for Automatic Text Classification", 1995, 6 pages	
/E.S./		WILLIAM W. COHEN, "Learning Rules that Classify E-Mail", 1996, 11 pages	
/E.S./		GARY BOONE, "Concept Features in Re: Agent, an Intelligent Email Agent, 1998, 8 pages	
/E.S./		MARTI A. HEARST and HAYM HIRSH, "Machine Learning in Information Access Papers from the 1996 AAAI Spring Symposium", 1996, 3 pages	
/E.S./		JONATHAN ISAAC HELFMAN and CHARLES LEE ISBELL, "Ishmail: Immediate Identification of Important Information", 8 pages	
/E.S./		ERIC HORVITZ, CARL KADIE, TIM PAK and DAVID HOVEL, "Models of Attention in Computing and Communication: From Principles to Applications", Communications of the ACM 46(3): 52-59, March 2003	

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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